

ABSTRACT

A reactor service manipulator delivery system supported on a remotely operated trolley that travels on top of a track attached to the steam dam of a BWR shroud. The trolley has a mast and pulley system designed to
5 manipulate a TV camera for inspection of various reactor components inboard and outboard of the shroud at the same time that fuel is being moved within the core during a refueling operation so that refueling can be performed in parallel with the inspection.